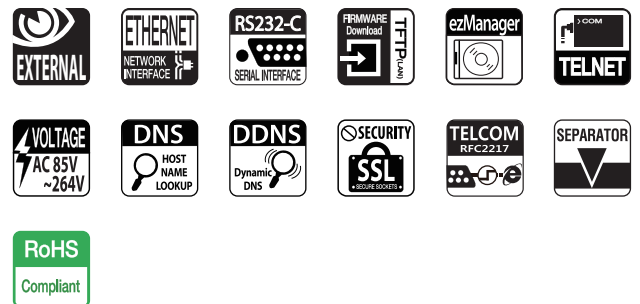# CSE-T16

(16 Ports Console Server)

Overview

CSE-T16 is 16 ports console server allowing devices with console ports to be embedded with networking capabilities. With CSE-T16, therefore, you can easily monitor status of console ports over the network from anywhere in the world. It also helps you save your time and energy by improving efficiency of integrated management and control of many devices in diverse applications. This RS232 console server is an ideal solution for Remote Console Monitoring as it supports useful features such as 16 ports of RS232, a security protocol(SSL) to protect data transmission, sharing serial ports through the network(Telnet with RFC2217), etc.
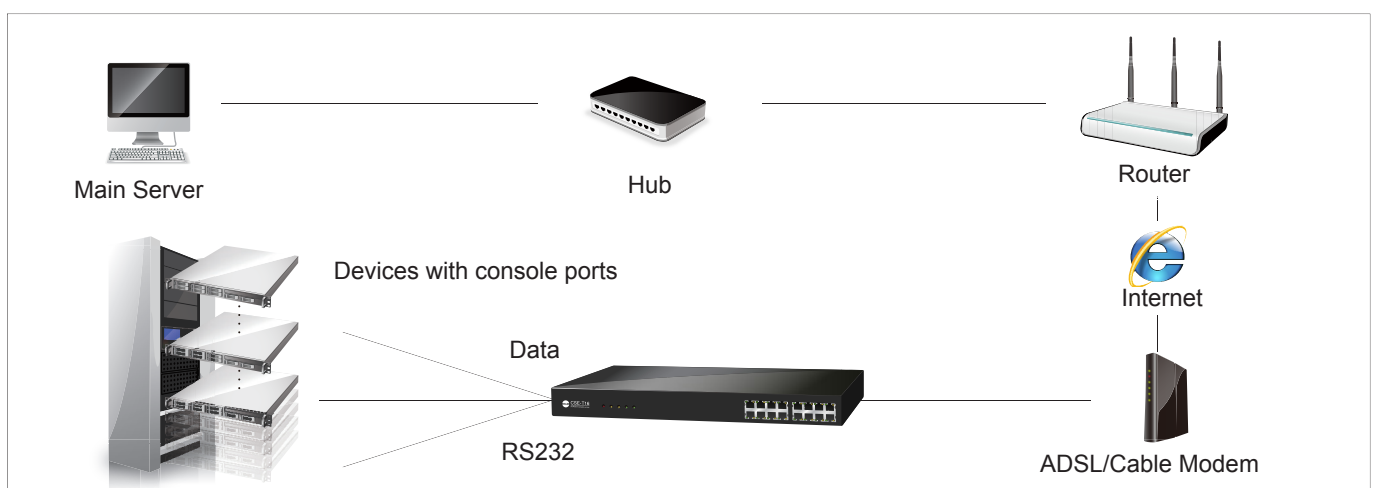
Highlights

- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- 16 x RS232 (RJ45, up to 115,200bps)
- Security Functions (SSL3.0/TLS1.0, Password)
- 3 Communication modes (TCP Server, TCP Client and UDP)
- Telnet COM Port Control Option (Telnet with RFC2217)
- Separator settings for packet fragmentation

Icons

EXTERNAL | ETHERNET NETWORK INTERFACE | RS232-C SERIAL INTERFACE | FIRMWARE Download TFTP(LAN) | ezManager | COM TELNET

VOLTAGE AC 85V ~264V | DNS HOST NAME LOOKUP | DDNS Dynamic DNS | SECURITY SSL SECURE SOCKETS | TELCOM RFC2217 | SEPARATOR

RoHS Compliant

Applications

Main Server

Hub

Router

Internet

Devices with console ports

Data

RS232

ADSL/Cable Modem

Specifications

Serial Physical Interface	
Serial Interface	16 x RS232 ports
	RXD, TXD, RTS, CTS, DTR, DSR, GND
Connector	16 x RJ45 Connectors

Serial Port Properties	
Baudrate	300bps ～ 115,200bps
Data Bits	5, 6, 7, 8 bits
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2

Network Physical Interface	
Ethernet	10Base-T/100Base-TX Ethernet (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense

Software Functions	
Protocols	TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET
	TFTP, DHCP, DNS, DDNS, SSL3.0/TLS1.0
Security	SSL (Secure Socket Layer)
	Password for Configuring
Communication Mode	TCP Server (T2S)
	TCP Client (COD)
	UDP Mode (U2S)
Operating System	MIC RTOS
Additional Functions	Separator settings for packet fragmentation

Indicators (LEDs)	
PWR, STS1, STS2, LAN1, LAN2, Serial	

Supplementary Software	
ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool

Dimension	
Size	437mm x 240mm x 44mm

Operating Environment	
Input Voltage	AC 85V ~ 264V
Power Consumption	7W
Operating Temperature	0℃ ~ +60℃
Storage Temperature	-20℃ ~ +70℃

System Diagram

CSE-T16

TCP/IP

RS232

Ethernet

LAN

Devices #1-16

Internet